



you are going to need a GitHub profile.



yes you are right

Free to register. \$7 a month for "pro" access where you can keep private repos.



I have some material I can already publish

Enterprise access is through a university or large corporation, so don't even consider that pricing.

Typically you will want to add a license. I like gpl but there are a plethora of other oss licenses. Things like research drafts can even be kept under a creative commons license.



yes

You can fork my thesis python repo and start from that code bases if you like.



thank you for the suggestion

the only stuff that comes to mind very quickly that I can put on github is implementations of these new spline primitive cuves I am studying using mpmath tools

I will write specs for a sage math add-on that I would find useful. If you are really creative and run with it, to the add-on may eventually be worth submitting to the official sage code for packages. If that's an end goal of yours, go ahead and lookup / pay close attention to their coding style requirements and specs before you start. That will save a lot of work down the road.



idk if you ever used that numeric library in sagemath

just read your last message

yes that is true and deep what you said

I should study their coding style...

I'll be honest with you

I just had a plan all made-up for 2 conferences this summer

so I knew what novel results to document in detail

and prepare some articles, artwork etc

but now I clearly have the time to refine coding, version control, read more maths books etc etc

BTW do you use an IDE with sagemath?

Alex • Apr 1, 2:26 PM



Send a message





Alex • Apr 1, 2:26 PM

IDE, no. It's more like ipython on the terminal. There are Jupiter notebook interfaces. I find it's easiest just to write scripts and run them one by one.



that's exactly what I do

anyway all of the sagemath code I have written has had a lot of depth in the code but very few lines (to me)

BTW a small caveat

currently wolfram alpha has a lot of special forms of special functions that sagemath doesn't have so IMHO it is still very useful for mathematical physics

Alex • Apr 1, 3:20 PM



when is your probability exam?

did it pass already? (I forget)

Alex • Apr 1, 7:01 PM

Friday.



you'll do good

Alex • Apr 1, 7:25 PM



btw I have mathematica now

so I can checkout translation from mathematica to sage

Alex • Apr 3, 4:20 PM

I got the flu. It's going to take me weeks to get back around to this.

Apr 5, 6:24 PM



ok be good ❤️

Alex • Apr 5, 9:21 PM



hi!

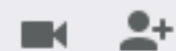
my collaborator Khalid in Morocco made a breakthrough!

Alex • Apr 6, 3:40 PM



Send a message





I have a reduction formula for one of the 3 generating functions...
(assuming his result is valid)

I really won't have time to look at this for a while.

it's all good 😊
always 0 pressure for me, I just wanted to tell you some news
you feel me?
how are you feeling btw? more sick, less sick?

Better today.

Apr 6, 4:39 PM

hi
quick question if you are feeling ok
(feel free to ignore me or tell me to fuck off), how do you prefer to code definite integrals in sage math^
?
I'm gonna play around with definite_integral

Alex • Apr 8, 9:37 PM

hey another random question, do you have TEX in gmail?
I love it 😊

I don't use sage that often

it is so satisfying and fast to write an expression in sage, output latex automatically and copy paste it into gmail and send an email

Alex • Apr 9, 3:52 PM

integral representation of a 2d hypergeometric function

$${}_2F_1(i\eta+1, i\eta, i\eta+\frac{3}{2}; \frac{1}{2}, \cos^2) = \frac{\Gamma(i\eta+\frac{3}{2})}{\sqrt{\pi}\Gamma(i\eta+1)} \int_0^1 \frac{t^{i\eta} (1-\cos^2 t)^{i\eta}}{\sqrt{-t+1}(-\frac{1}{2}t+1)^{i\eta}} dt$$





Alex Ionut
Active 3h ago



it's pretty

Alex • Apr 9, 4:21 PM



hey
how are you feeling?

Better. Fever free for over a week. I consider myself lucky to have had a mild flu.



so happy to hear that

You?



spiritually taxing times

I gave a friend who was going over for groceries a face mask yesterday. Just happened to see him in the street.
It's strangely dangerous just to act normal



indeed

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>
Familiarize yourself with this.



ok

I was stupid silly disoriented, and the nurse's at GA tech missed it.
It was after the fact that I realized how sick I was
Most people won't need an er trip, but it's good to be educated
I'm scared for my elderly parents catching this. I can deal with flu, but they are really at risk



yes
i understand

Be careful going out without a surgical mask. Very contagious. You will probably be fine at your age, but not fun for a week.
Order groceries online.
<https://play.google.com/store/apps/details?id=com.instacart.client>



Send a message





Order groceries online.

<https://play.google.com/store/apps/details?id=com.instacart.client>

Walmart bselks masks



I'm all set for masks

Just be careful. It's contagious and going to be bad.



thank you for the concern

Alex • Apr 12, 11:14 PM

I just should convey that if all you end up with in a pandemic like this is a "mild flu" you are a lucky SOB. I have heard warnings bthat six months from now in the ER there will be triage decisions about who gets a ventilator and who gets morphine and their lungs fill up with fluid. Trump shut down a task force months ago that could have saved this being a pandemic, but now lives are at stake

I don't like this, but be very careful as the months proceed



how do you think the triage will work?
money?

I have no idea

That's the apocalypse scenario that I have been warned abiut

The point is we are at a dangerous tipping point and you need to be very careful with your health

Vote Elizabeth Warren



you know I live in Canada though right?

I know

We are still stuck with many of the decisions the American electorate makes?

Anyone, anything but Trump



I was just saying that because I cant vote for a third party candidate just because I'm not american
but i would if I was

Elizabeth Warren is my vote. Practically, as long as Trump loses were all in Better shape.





you heard conway died?

No



yeah 🙄
from covid

Wow!

Personally, it took me a month's worth of Klonopin to get through 8 days of "mild flu", aka Hell. God bless my shrink for letting me refill early under the circumstances.



your folks are handling things well?

Yeah. My sister thinks she's had covid
My parents are stubborn

Apr 13, 12:02 AM



Can I tell you something else secret? It's pouring down rain here...
Very drenched



Send a message





Very drenched

Apr 13, 1:53 AM



damn

Alex • Apr 13, 4:08 AM

I'd actually like to meet you before we collaborate on anything. This has been suggested to me. If the covid issue goes down, are you going to be in Atlanta in the late summer?



i could come
assuming this end times vibe ends
" This has been suggested to me"
do you have some apprehension?

Let me ask my adviser.



I totally understand btw
I had work stolen from me when I was 20
so I for one totally understand concerns

It's not going to be about stolen work. I wouldn't even collaborate with one of my good friends at school about what my main bag is right now. He's fine with that and we have published together before...
Orthogonal polynomials is going to be easy for me.



I'm just curious re: what your concerns are
because I'd love to hear them if you have any

The issue I'm seeing is that I have shared some personal information with you over a beer or two with my cat. I just want to meet you before signing on for a conference.
After that I'd be happy to do some spot work for your group as you need a mathematician to help.



the conference is delayed a year now for sure

We could even chat online this summer over video





so we have a fair bit of time to work and decide whatever

Yep.



for sure we could videochat whenever
possibly it is a good fit with you
because it is CS meets EGF's of orthogonal polynomials

I hope it's not an insulting request. I just would prefer to have talked with anyone I'm going to collaborate with on a paper or conference.
I really don't have time to do this for a while anyway.
This summer for sure



I'm not insulted at all



I was just worried that you were worried about something

No it's fine. And I appreciate the chatter back while I'm mostly apart from friends at school for reasons that are insane. I just want to talk shop before putting my name out there on anything right now.
So we should talk research in July or August?
Chatter between is welcome m



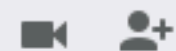
for sure
I'll do a good write up of objectives by then and have all my current results compiled

Cool. I added a couple of instrumental performances to the YouTube playlist I shared before.



I'll check it out in a bit
I'm listening to german techno now
are you into numerical analysis too
?
more algorithmic stuff?





more algorithmic stuff?
for later

Alex • Apr 14, 7:22 PM

I keep thinking about how I'd like to see my former baseball team win again.



To be honest, my intellectual focus is an exam right now.



what exam?
prob went ok?

Didn't take it yet. I was too sick.
Scheduled for later

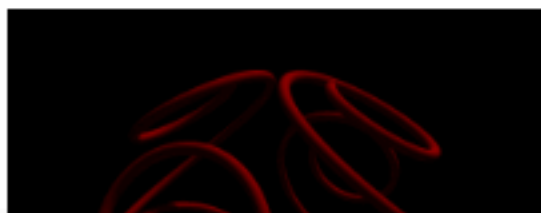
Apr 14, 8:23 PM

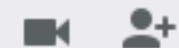
I "reached out" to a professor friend of mine at UBC. I think she has always been secretly interested in this type of theoretical physics. When you get back to me this summer with your manuscript, maybe we should make her a collaborator too for you. She might want to give us a 78 on her 80 point scale too.



awesome 😊

btw I think monday I'll finish the euler type integral rep of the spherical clothoid
a lot of sagemath hax and sympy in sagemath too
fuck I love sympy
and I am sucked for aesthetic curves





Apr 14, 8:23 PM

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*sucker

Alex • 12:34 AM

I like the Grapes of Wrath. I have a particular "grip and twist" method in mind that is much less about dexterity and much more about will power. I hope you know what I mean.



steinbeck is a fucking genius

Alex • 1:10 AM



Do you ever read 2600? I propose a collaboration. You said you can hack.
What is your alias? One never puts thier real name on that.

1:45 AM



Send a message





and I am sucked for aesthetic curves
Video call. Click to start a video call.



*sucker

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1:45 AM

Subtext: What is it exactly you want, Jason?

2:24 AM

He speaks to us in his native tounge, and what does he say? "Suck my dick".
Good night. 🙌

2:46 AM



Send a message

